

scott.glum@epa.ohio.gov

Thu 6/11/2020 9:24 AM

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To:

- Kolak, Shari

Cc:

- Leslie.Williams@epa.ohio.gov

Hi Shari. Ohio EPA reviewed the study prepared by Arcadis and doesn't think the low dam removal will significantly impact East Troy or West Troy. No concerns here. Only issue is that city of Troy is seeking reassurance from USEPA that they won't be held liable if something should go wrong after dam removed. Give me a call at 513-260-2849 if you want to discuss anything further. Thanks

-Scott

Scott Glum

Site Coordinator

Ohio Environmental Protection Agency

Southwest District Office

Division of Environmental Response and Revitalization

401 East Fifth Street

Dayton, OH 45402-2911

(937) 285-6065 (office)

(937) 285-6404 (fax)

scott.glum@epa.ohio.gov

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Label: Permanent (Capstone approach) Expires: Never

KS

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Kolak, Shari

Thu 6/11/2020 8:57 AM

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To:

- Glum, Scott <scott.glum@epa.ohio.gov>

Hi Scott,

We're meeting with my branch chief Monday to discuss potential impacts on remedy if dam is removed. I couldn't tell from the e-mail exchange whether OEPA is okay with, or has concerns about removing the dam. Please let me know OEPA's thoughts on dam removal. Thanks, Shari

Shari Kolak
Remedial Project Manager
Remedial Response Section #1
Superfund & Emergency Response Division
312-886-6151
kolak.shari@epa.gov

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scott.glum@epa.ohio.gov

Tue 6/9/2020 8:45 AM

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To:

- Kolak, Shari

Troy Dam Removal Results Presentation.pdf

7 MB

ATT00001.htm

514 bytes

2 attachments (7 MB)Download allSave all to OneDrive - Environmental Protection Agency (EPA)

Hello Shari. Do you have any concerns about the removal of the low head dam in Troy and impact on East Troy? Thanks

-Scott

Scott Glum

Site Coordinator

Ohio Environmental Protection Agency

Southwest District Office

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Dayton, OH 45402-2911

(937) 285-6065 (office)

(937) 285-6404 (fax)

scott.glum@epa.ohio.gov

From: Starkey, Mike <mike.starkey@epa.ohio.gov>

Sent: Tuesday, June 9, 2020 8:23 AM

To: Glum, Scott <scott.glum@epa.ohio.gov>

Cc: Nickel, Brian <Brian.Nickel@epa.ohio.gov>

Subject: FW: Troy Low Head dam removal

Scott:

We're having a Teams call at 4:00 this afternoon to discuss the Troy low-head dam removal and concerns about potential impacts to the East and West Troy contaminant plumes. Bonnie didn't invite you because I don't think she knew you were the E Troy site coordinator. I asked her to send you an invite. Have a look at the attached and stay tuned.

Mike

From: Buthker, Bonnie <Bonnie.Buthker@epa.ohio.gov>

Sent: Monday, June 8, 2020 5:26 PM

To: Proffitt, Michael <Michael.Proffitt@epa.ohio.gov>; Starkey, Mike <mike.starkey@epa.ohio.gov>; Brown, Russell <Russell.Brown@epa.ohio.gov>; Nickel, Brian <Brian.Nickel@epa.ohio.gov>; Williams, Leslie <Leslie.Williams@epa.ohio.gov>

Subject: Fwd: Troy Low Head dam removal

FYI. When I am back tomorrow, I will set up a teams call to discuss.

Sent from my iPhone

Begin forwarded message:

From: "Harcarik, Thomas" <Thomas.Harcarik@epa.ohio.gov>

Date: June 8, 2020 at 3:36:18 PM EDT

To: "Buthker, Bonnie" <Bonnie.Buthker@epa.ohio.gov>

Cc: "Malone, Steven" <Steven.Malone@epa.ohio.gov>, "Kelly, Donovan" <Donovan.Kelly@epa.ohio.gov>

Subject: Fw: Troy Low Head dam removal

Hi Bonnie!

Hope you and Greg are safe and well this COVID-19 season!

Could you help us understand Ohio EPA's role in the clean-up of two CERCLA sites in Troy adjacent to the Great Miami River? Recently DEFA awarded WRRSP funds to remove dams in Troy and Piqua. However, we learned only late last Friday that Troy has concerns that removing the Troy Dam may result in legal exposure to the city. The question has been raised whether the dam removal could alter the flow of two underground plumes of groundwater emanating from two separate CERCLA sites, one on each side of the river, such that nearby homes would be in the path of the plumes.

We are awaiting submission of information regarding the location of the sites relative to the Troy Dam, the plumes and the status of the clean up (is it in the RI/FS or RD/RA stage), but wanted to ensure you were aware of this potential complication and to see if we should be coordinating with someone from your staff. We are happy to update you on the progress of our review, and want to ensure this important dam removal project is able to proceed if at all

possible. Let us know if you'd like to schedule a TEAMS call to discuss this site further and how best to coordinate our reviews.

Thanks,

Tom

From: Christy Butera <christy.butera@troyohio.gov>

Sent: Monday, June 8, 2020 3:32 PM

To: Donnie Knight (Donald_Knight@fws.gov) <Donald_Knight@fws.gov>; donovan_henry@fws.gov <donovan_henry@fws.gov>; Harcarik, Thomas <Thomas.Harcarik@epa.ohio.gov>; lori_stevenson@fws.gov <lori_stevenson@fws.gov>

Cc: Jill Rhoades <jillian.rhoades@troyohio.gov>; Thomas Funderburg <thomas.funderburg@troyohio.gov>; Stan Kegley <stan.kegley@troyohio.gov>

Subject: Troy Low Head dam removal

Attached are slides from a powerpoint done by Arcadis, Troy's consultant for modelling of the wellfield. This is a good summary of low head dam removal study that we completed. I will forward the full dam removal report once it is in its final version. As I stated on the phone Friday the City is not concerned about the low head dam removal project from a water treatment standpoint. Our only question relates to what action if any the USEPA would take should the plume migration change due to this project, knowing that there are many things not related to this project that could also alter the plumes direction. At this point after several conversations and a review of our model data the USEPA has not given any indication of concerns about the low head dam removal project.

We currently use an air stripper for well #12W in the west well field to pretreat the plume. We are able to somewhat control the direction of the plume and treat the contaminants so that there aren't detects in the finished water. Based on the model results our existing stripper could accommodate the predicted change in plume direction and the nominal concentration increases should this occur after the low head dam is removed. Our east wellfield does not appear to be affected by the dam removal, though there is a potential that additional residential properties would be affected by a change in plume migration.

Below I have shared the contact info and links to the EPA website for both of the Troy contaminated plumes.

East Troy Site – Shari Kolac, Remedial Project Manager (312) 886-6151
<https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0507962>

West Troy Site- Jeff Gore, Remedial Project Manager (312) 886-6552
<https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0508132>

Feel free to contact me should you have additional questions about this.

Christy J. Butera, PE
Assistant City Engineer

City of Troy
937-339-2641
Christy.butera@troyohio.gov

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Troy Low Head dam removal

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(No subject)